2006-02-09 RRT Meeting

Thursday, February 09, 2006
9:01 AM

- **Progress**
  - We should start cooling the machine down before we turn off. One week before we turn down to go from 500W to 200W.
  - Slip-stacking may still get highest priority.
  - Thursday, go down on turns. It was proposed turn off slip stacking. This is to avoid where tuning gets sloppy that would still result in high losses.
  - Hot jobs
    - 400 MeV girder
    - MI Large quads
  - The question is who will take the hit.
- **Booster/Main Injector**
  - Making progress getting 8e12 on target more consistently.
  - Production is a function of $29s and $23s. Tomorrow would like to do a study to look at difference between $23s and $29s.
- **Rapid Transfers**
  - Dave McGinnis would like us to start looking at the Pbar orbits to determine when we need tune-up
  - Talked about cleaning up the sequencer.
- **Dampers**
  - Are ready to try to turn them on in the vertical plane again.
- **PBar**
  - Once the stacktail fills up, stacking takes a dive.
  - Yesterday made a first attempt at Stacktail changes, but it didn't work at fast cycle times.
  - Today
    - Phase system at low intensity
    - New changes put in
    - Checkout at a 4 sec cycle time
    - Decrease cycle time.
  - August 2004 studies. With a clean machine, we showed that we could push 29 mA/hr through no problem.
  - Running differently now than then. The notches are different than they were in August 2004. For this iteration, we recalculated based on the current notch settings.
    - 1 877
    - 2 881
    - 3 879
  - Move notch filters
  - Put in new magic numbers